

Curriculum Vitae

CAROLYN M. KERCSMAR

Address:

Rainbow Babies and Children's Hospital
11100 Euclid Ave
Dept. of Pediatrics
Cleveland, Ohio 44106

Birthdate:**Social Security #:****Education:**

B.S. - Biology, Baldwin-Wallace College, September 1972
M.D. - Case Western Reserve University, May 1978
M.S. - Anatomy, Case Western Reserve University, May 1978

**Postdoctoral
Training:**

Resident, Pediatrics, Rainbow Babies and Children's Hospital
June 1978-June 1981
Fellow, Pediatric Pulmonary Medicine,
Rainbow Babies and Children's Hospital, July 1981-June 1983

**Academic
Appointments:**

Professor of Pediatrics, Case Western Reserve University, 7/1/2000 - present
Associate Professor, Pediatrics
Case Western Reserve University, 7/1/92-6/30/2000
Assistant Professor, Pediatrics
Case Western Reserve University, 7/84 - 6/92
Instructor, Pediatrics
Case Western Reserve University, 7/83 - 6/84

**Professional
Appointments**

Director, Pediatric Pulmonary Clinical Service, 5/92- present
Director, Children's Asthma Center, 7/85 - present
Medical Director, Rainbow Babies & Children's Hospital Inpatient Asthma Unit,
9/97-present
Medical Director, Pediatric Respiratory Therapy Department, 7/98- present
Director, Residency Training Program, 7/82 - 6/85, 7/93 - 6/95
Director, Pediatric Pulmonary Fellowship Training Program, 7/90 - 7/94
Vice Chair for Patient Care, Dept. of Pediatrics, 7/92-6/93
Director, Pediatric Bronchoscopy Service, 7/89 -5/92

Awards:

Department of Pediatrics Award, Case Western Reserve University, May 1978
Ross Laboratories Award, Outstanding Teaching Resident. June 1981
Department of Pediatrics, Teaching Excellence Award, 6/89
The Best Doctors in America, 1998
Best Doctors in Cleveland, *Cleveland Magazine*, 11/98; 11/2002

Best Doctors in Northeast Ohio, *Northern Ohio Live*, 2001
Alumni Merit Award for Outstanding Accomplishments in Medicine; Baldwin-Wallace
College, 6/2001
Golden Stethoscope Award , 2002

Grant Support:

Rainbow Grant, 1/1/83 - 1/1/84
Effects of Arachidonic Acid Metabolites on Tracheobronchial Mucin Secretion
Awarded by Rainbow Babies and Childrens Hospital Trustees
TDC — C. Kercksmar - Principal Investigator

Rainbow Center of Care Grant, 1/85 - 12/88
Development of Childrens Asthma Center
Awarded by Rainbow Babies and Childrens Hospital Trustees
TDC — C. Kercksmar - Principal Investigator

Cystic Fibrosis Foundation, Rainbow Chapter, 3/86 - 3/88
Eicosanoid Production by Respiratory Epithelial Cells
TDC — C. Kercksmar - Principal Investigator

NIH DK-27651 - Cystic Fibrosis Core Center,
4/1/86 - 3/31/91
— Principal Investigator
Cystic Fibrosis Feasibility Study, 4/1/88 - 3/31/91
TDC — C. Kercksmar - Principal Investigator

American Lung Association of Northern Ohio,
7/1/88 - 6/30/90
Epithelial Cell Modulation of Neutrophil-Induced Airway Injury
TDC — C. Kercksmar - Principal Investigator

Central Ohio Lung Association
Helen M. Baker Research Award, 3/1/90 - 2/28/91
A Controlled Study of the Efficacy of Aminophylline in Status Asthmaticus in Pediatric Patients
TDC — C. Kercksmar - Principal Investigator

NIH 1P50 HL-37117 - SCOR - Chronic Diseases of the Airways
ER McFadden, Principal Investigator;
PB Davis, Project Director
12/1/91 - 11/30/96
Project Title: *Interaction of Neutrophils with Airway Cells In Vitro*
TDC — C. Kercksmar - Co-Investigator, 15% effort

NIH-NIAID, National Cooperative Inner City Asthma Study,
3/1/91 - 2/28/96
Predictors of Asthma Morbidity in Urban Black Children
TDC — C. Kercksmar - Principal Investigator

American Lung Association Research Grant, 7/1/91 - 6/30/93
Psychosocial Factors and Asthma Morbidity in Black Children
TDC — — - Principal Investigator; C. Kercksmar, Co-investigator

Rainbow Babies & Children's Hospital Board of Trustees Grant, 12/1/95 - 11/30/96
Use of an Asthma Counselor to Reduce Asthma Morbidity
TDC — C. Kercksmar, Principal Investigator

NIH-HD/HL 37892. *School Age Outcomes of Very Low Birthweight and BPD*. 7/1/97 - 6/30/01 — , P.I.
TDC — C. Kercksmar, Consultant, 5%.

Comparative Study of Nebulizer Devices in Acute Asthma
Salter Labs, TDC — 9/1/98-8/30/99
C. Kercksmar, Principal Investigator

The Cleveland Foundation; Center for Chronic Conditions of Childhood Implementation Grant; 4/1/98 - 12/31/00. — PI. TDC \$ —
C. Kercksmar, MD, co-investigator.

HUD; Urban Mold and Moisture Project. 1/1/2000-12/31/2003 —
PhD, PI; — Asthma management sub- project; 1/1/2000 - 12/31/03. TDC
— C. Kercksmar, MD, co- PI

Sepracor, Inc. Comparison of Single Isomer and racemic Albuterol in Reducing Hospital Admissions and Decreasing Length of Stay for Childhood Status Asthmaticus. 2/1/00- 1/31/01; — TDC. C. Kercksmar MD, PI.

Center for Disease Control/Allied Consortium of Health Plans; Asthma Intervention Program, 2/1/01 - 1/31/03; C. Kercksmar, project manager. TDC —

Tenor Study :Principal Investigator: Carolyn M. Kercksmar, M.D. Agency: Genentech. 10/00-12/31/03.

NIH-NIAID-DAIT-02-11 "NIAID Inner-City Asthma Consortium: Immunologic Approaches to Reduce Asthma. 9/30/02 -9/29/08. Subcontract: — TC. C. Kercksmar, PI (Cleveland site)

NIH-NHLBI. Reducing Barriers to Pediatric Asthma Treatment. 9/30/01 – 7/31/05.
— C. Kercksmar , MD co-investigator.

Glaxo Smith Kline, study no: FMS30058. A multicenter randomized, double-blind, parallel group, placebo-controlled, 12 week study of fluticasone propionate 44 mcg BID and 88mcg delivered via CFC MDI in subjects with asthma age 24-47 months. 8/00 – 11/01.

Astra-Zeneca. Study no. SD-0004-0732. A safety and efficacy study of two dosages levels of Pulmicort respules versus placebo in infants between the ages of six and twelve months with mild to moderate asthma. 11/00 – 11/01.

Sepracor, study nos. 051-032, 033. A Safety, Tolerability and efficacy study of levalbuterol and racemic albuterol in pediatric subjects birth to 48 months old with reactive airways disease in an acute (and chronic) setting. 10/1/00 – 3/1/01. —
(contract), no effort

Licensure: National Board of Medical Examiners, Diplomate - 7/2/79
Ohio State Medical Board Licensure, — - 7/1/81 (exp 10/01/2002)
Certified by American Board of Pediatrics, 11/83
Certified by American Board of Pediatrics, Subspecialty Pediatric
Pulmonology, 7/86-95; re-certified 7/95-02, 2002-2009

PROFESSIONAL SERVICE

Professional Societies: American Academy of Pediatrics
American Thoracic Society
Member, Committee on Pulmonary Manpower and Training, 5/90
Society for Pediatric Research

Advisory Groups: Member, Greater Cleveland Asthma Coalition, 2/98 – present
Member, Data Safety and Monitoring Board, NHLBI CARE Network, 3/2001 – 2005.
Member Asthma Advisory Group, American Thoracic Society, 2002 -
Member, Steering Committee

Manuscript Reviewer: Journal of the American Medical Association; Journal of Pediatrics; Chest; Pediatrics;
Clinical Pediatrics

Preparation of Questions: For Certifying Examination of American Board of Pediatrics
In Pediatric Pulmonology, 1990 -
Special Committee for Pulmonology Board Examination Question Review - 11/93

School of Medicine Member, Committee on Students, School of Medicine, 7/90- 6/95
Member, SOM Committee on Faculty Equity and Development, 7/1/99-6/30/2002

Committees:

Department of Pediatrics Committees: Member, Intern Selection Committee, 7/82 - present
Member, Pediatric Education Committee, 7/82 – present
Member, Pediatrics Specialties Practice Committee, 2002-2003
Chairperson, House Staff Education Committee, 6/82-6/85
Chairperson, Intern Selection Committee, 7/82 - 6/85
Member, Pediatric Institutional Review Board, 1987 - 1989
Member, Quality Assurance, Morbidity and Mortality Committee 7/87 - 6/92
Academic Planning Committee, Member, 7/92 - 95
Practice Liaison Committee, Chair, 7/92 - 93

Hospital Committees: Member, Rainbow Division 5 Operations Committee, 9/97- present
Member, Planning and Priorities Committee. Rainbow Babies and Children's Hospital.
7/89 - 91

TEACHING ACTIVITIES

Inpatient Teaching Attending, general pediatric service, 1 month/yr
Pediatric Pulmonary Service, 4 months/yr
Preceptor, Pediatric Senior Resident Rounds, 12 weeks/year: 7/93 - present
Pediatric Intensive Care Unit attending, 1989 - 1991
Pediatric Resident Advisor, 1982 -

Formal teaching sessions:

Monthly Lecturer, Critical Care Lecture Series
Status Asthmaticus, 6 months/year 1989 - present

Introductory lecture for pediatric residents
Management of Asthma, 6/87 -

Monthly lecture to third year medical students
Acute Airway Obstruction, 6/88 -6/95

Lecturer, Case Western Reserve School of Medicine, year 2
Common Pediatric Respiratory Infections, 12/84 -

Case Oriented Problem Solving - Group Leader
School of Medicine, year 2, 1989 -90

Lecturer, Residents' Pediatric Board Review Course-yearly 7/93 - present
Asthma; Airway Obstruction; Pneumonia; Pulmonary Function Testing

Pediatric Physical Diagnosis Preceptor: 4/93 - present

Small Group leader, Drug Action and Biodisposition Committee, year two School of Medicine, *Pharmacology of asthma medications*, 1998 - present

Fellows Supervised:

Pediatric Pulmonology 7/87 - 6/90
Currently Director, Pediatric Pulmonology, Lutheran Medical Center, Chicago, IL

_____, Pediatric Emergency Medicine, 7/89 -7/91;
Currently Assistant Professor, Pediatric Emergency Medicine University of Cincinnati, OH

Pediatric Pulmonology 7/92 - 6/94.
Medical Staff, Akron Childrens Hospital.

Pediatric Pulmonology 7/94- 6/96;
Assistant Professor, Pediatrics
Children's Hospital of Buffalo, SUNY, Buffalo, New York 7/96-6/98
Section Head, Pediatric Pulmonology, Cleveland Clinic Foundation 7/98 - present

pediatric pulmonology fellow, 1997 -6/30/2000
_____, pediatric pulmonology fellow, 7/2000 - present

PUBLICATIONS

Articles (peer reviewed)

Kercsmar, C.M., R.C. Stern, M.D. Reed, C.M. Myers, D. Murdell and J.L. Blumer. Ceftazadime in cystic fibrosis: pharmacokinetics and therapeutic response. J. Antimicrobiol. Chemotherapy 1983; Suppl. A, 12:289-295.

- Kercsma, C.M., R.J. Martin, R.L. Chatburn, W.A. Carlo.** Bronchoscopic findings in infants treated with high-frequency jet ventilation versus conventional ventilation. *Pediatrics* 1988; 82:884-887.
- Cohn, R.C., C.M. Kercsma, D.G. Dearborn.** Safety and efficacy of flexible endoscopy in children with bronchopulmonary dysplasia. *Am. J. Dis. Child.* 1988; 142:1225-28.
- Singer, L.T., C.M. Kercsma, G. Legris, J. Orlowski, B.P. Hill.** Development sequelae of long-term infant tracheostomy. *Develop. Med. Child Neurol.* 1989; 31:224-230.
- Kercsma, C.M., M. Infeld, C. Silski, P.B. Davis.** Adenosine 3':5' cyclic monophosphate synthesis by human tracheal epithelial cells. *Am. J. Respir. Cell Mol. Biol.* 1990; 2:33-39.
- Davis, P.B., C.L. Silski, C.M. Kercsma, M. Infeld.** Regulation of cyclic AMP production by beta-adrenergic receptors of tracheal epithelial cells in primary culture. *Am. J. Physiol.* 1990; 258 (Cell Physiol. 27):C71-C76.
- Kercsma, C.M., Y. Chung, P.B. Davis.** Receptor-mediated cAMP production in adult and infant ferret tracheal epithelium. *Pediatr. Res.* 1991; 30:75-82.
- Chung, Y., C.M. Kercsma, P.B. Davis.** Ferret tracheal epithelial cells grown *in vitro* are resistant to lethal injury by activated neutrophils. *Am. J. Respir. Cell Mol. Biol.* 1991; 5:125-132.
- Alpert, S.E., Dearborn, D.G., Kercsma, C.M.** Vocal cord dysfunction in wheezing children. *Pediatr Pulmonol.* 1991; 10:142-3.
- Kercsma, C.M. and P.B. Davis.** Resistance of human tracheal epithelial cells to injury by activated neutrophils. *Am. J. Respir. Cell Mol. Biol.* 1993 ; 8:56-62.
- DiGiulio, G.A., C.M. Kercsma, S.E. Krug, S.E. Alpert, and C.M. Marx.** Hospital treatment of status ~~asthmaticus~~ ^{asthmaticus} Lack of benefit from theophylline added to inhaled albuterol and intravenous corticosteroids. *J. Pediatr.* 1993; 122:464-469.
- Olivetti, J.O., Kercsma, C.M., Redline, S.** Pre-and perinatal risk factors for asthma in inner city African American Children. *Am J. Epidemiol.* 1996; 143:570-7.
- Redline, S., Wright, E.C., Kattan M., Kercsma, C.M. , Weiss, K.** Short-term compliance with peak flow monitoring: Results from a study of inner city children with asthma. *Pediatr. Pulmonol.* 1996; 21:203-210.
- Kattan. M, Mitchell, H., Eggleston, P., Gergen, P., Crain, E., Redline. S., Weiss, K., Evans, R., Kaslow. R., Kercsma, C.M. , Leickly, F., Malveaux, F., and Wedner, J.H.** Characteristics of Inner-City Children with Asthma: The National Cooperative Inner-City Asthma Study. *Pediatr Pulmonol.* 1997; 24:253-262.
- Mitchell, H., Senturia, Y., Gergen, P., Baker, D., Joseph, C., McNiff, K., Wedner. H.J., Crain, E., Eggleston, P., Evans. R., Kattan, M., Kercsma, C. M., Leickly, F., Malveaux, F., Smartt, E., and Weiss, K.** Design and Methods of the national Cooperative Inner-City Asthma Study. *Pediatr.* 1997; 24:237-252.
- Wade, S., Weil. C., Holden, G., Mitchell, H., Evans, R., Kruszon-Moran. D., Bauman, L., Crain, E., Eggleston, P., Kattan. M., Kercsma, C.M. , Leickly, F., Malveaux, F., and Wedner, H.J.** Psychosocial Characteristics of Inner-City Children with Asthma: A Description of the NCICAS Psychosocial Protocol. *Pediatr. Pulmonol.* 1997; 24:263-276.
- Crain, E.F., Kercsma, C.M. , Weiss, K.B., Mitchell. H., and Lynn. H.** Reported Difficulties in Access to Quality Asthma Care Among Children with Asthma Receiving Health Care in the Inner City. *Arch. Ped. Adol. Med.* 1998; 152:333-339.

- Myers, T.R., Chatburn, R.L., and **Kercsma**, C.M. A Pediatric Asthma Unit Staffed by Respiratory Therapists Demonstrates Positive Clinical and Financial Outcomes. *Respiratory Care* 1998; 43:22-29.
- McDowell, K., Chatburn, R.L., Myers, T.R., O'Riordan, M., and **Kercsma**, C.M. A Cost saving Algorithm for Children Hospitalized for Status Asthmaticus. *Arch Adol Ped Med*.1998; 152: 977-84.
- Wissow, L S., Roter, D, Bauman, L J., Crain, E, **Kercsma**, C.M., Weiss, K, Mitchell, H, Mohr, B. Patient-provider communication during the emergency department care of children with asthma. *Med Care*, 1998; 36:1439-50.
- Chmiel, J.F., Drumm, M.L., Konstan, M.W., Ferkol, T.W., **Kercsma**, C.M. Pitfall in the Use of Genotype Analysis for the Diagnosis of Cystic Fibrosis., *Pediatrics* 1999;103:823-26 .
- Crain, E.F., Mortimer, K.M., Bauman, L.J., **Kercsma**, C.M., Weiss, K.B., Wissow, L., Mitchell, H., and Roter, D. Pediatric Asthma Care in the Emergency Department: Measuring the Quality of Information Exchange. *J Asthma* 1999; 36:129-138.
- Evans, R., Gergen, P.J., Mitchell, H., Kattan, M., **Kercsma**, C.M. , Crain, E., Anderson, J., Eggleston, P., Malveaux, F., and Wedner, H.J. A randomized clinical trial to reduce asthma morbidity among inner-city children: Results of the National Cooperative Inner City Asthma Study., *J Pediatr.*; 135:332-338, 1999.
- Walders N, Drotar D, **Kercsma** CM. The allocation of family responsibility for asthma management in African American adolescents. *J. Asthma*; 37:89-99, 2000.
- Craven D, **Kercsma** CM, Myers TR, O'Riordan MA, Golonka G, Moore S. Ipratropium bromide plus nebulized albuterol for the treatment of hospitalized children with acute asthma. *J Pediatr*; 138: 51-8, 2001.
- Mortimer KM, Redline S, Kattan M, Wright EC, **Kercsma** CM. Are peak flow and symptom measures predictors of unscheduled asthma visits and hospitalizations? *Pediatr Pulmonol.*, 31:190-7, 2001.
- Redline S, Larkin EK, **Kercsma** C, Berger M, Siminoff LA. Development and validation of school-based asthma and allergy screening instruments for parents and students. *Ann Allergy, Asthma, Immunol.*, 2002, accepted for publication.
- Carl JC, Myers TR, Kirchner HL, **Kercsma**, CM. Racemic albuterol is less effective than levalbuterol for treatment of acute asthma in children. Submitted for publication, 2002.
- Zebracki K, Drotar D, Kirchner HL, Schluchter M, Redline S, **Kercsma** C. Predicting attrition in a pediatric asthma intervention study. 2002, submitted for publication.

Book Chapters

- Kercsma**, C.M. and T.F. Boat. Lung diseases caused by chemotherapeutic agents. In: E.I. Kendig and V. Chernick (eds), *Disorders of the Respiratory Tract in Children*, 4th Ed. Philadelphia, W.B. Saunders Co., 1983.
- Kercsma**, C.M. and W.T. Speck. Epidemiology of acute respiratory tract infections. In: E. Nussbaum and S. Galant (eds), *Pediatric Respiratory Disorders*. Orlando, Grune and Stratton, 1983.
- Kercsma**, C.M. and R.C. Stern. Respiratory diseases and treatment. In: M.D. Lough, C.F. Doershuk, and R.C. Stern (eds), *Pediatric Respiratory Therapy*, 3rd Ed. Chicago, Year Book Medical Publishers, Inc., 1985.
- Davis, P.B. and C.M. **Kercsma**. Neural control of the lung. In: V. Chernick and R.B. Mellins (eds), *Basic Mechanisms of Pediatric Respiratory Disease: Cellular and Integrative*. Philadelphia, B.C. Decker, 1991.

Kercsma, C.M. Status Asthmaticus. In: R. Reese (ed), *Manual of Emergency Pediatrics*, 4th Ed. Philadelphia, W.B. Saunders Co., 1992.

Kercsma, C.M. The respiratory system. In: RE Behrman, RM Kliegman (eds). *Nelson Essentials of Pediatrics*, 2nd ed. Philadelphia, W.B. Saunders Co., 1994.

Kercsma, C.M. and T.F. Ferkol. Respiratory Distress. In: RM Kliegman, ML Nieder, DM Super, (eds.), *Practical Strategies in Pediatric Diagnosis and Therapy*. Philadelphia, WB Saunders Co., 1996.

Kercsma, C.M. Pulmonary Emergencies. In: E. Crain, J. Gershel (eds). *Clinical manual of emergency pediatrics*, 3rd edition. McGraw-Hill, Inc., New York, 1996.

Kercsma, C.M. Carl, J.C., New Therapies for Asthma. In: *The Pediatric Lung*. R.W. Wilmot, (ed). Birkhauser, Basel, 1997.

Kercsma, C.M. Asthma. In: V. Chernick, TF Boat, and E.I. Kendig (eds), *Disorders of the Respiratory Tract in Children*, 6th Ed. Philadelphia, W.B. Saunders Co., 1998.

Kercsma, C.M. Acute inpatient care of status asthmaticus. In: Chatburn RL and Myers, TR (eds). *Respiratory Care Clinics of North America*. W.B. Saunders Co., Philadelphia; 6:155-170, 2000.

Kercsma, C.M. and T.F. Ferkol. Respiratory Distress. 2nd edition In: RM Kliegman, ML Nieder, DM Super, (eds.), *Practical Strategies in Pediatric Diagnosis and Therapy*. Philadelphia, WB Saunders Co., 2001.

Kercsma, C.M. Pulmonary Emergencies. In: E. Crain, J. Gershel (eds). *Clinical manual of emergency pediatrics*, 4th edition. McGraw-Hill, Inc., New York, 2001.

Kercsma, C.M. The respiratory system. In: RE Behrman, RM Kliegman (eds). *Nelson Essentials of Pediatrics*, 4th ed. Philadelphia, W.B. Saunders Co., 2001.

Abstracts

Kercsma, C.M. and P.B. Davis. Injury response of cultured human tracheal epithelial (HTE) cells to neutrophil (PMN) and *Pseudomonas aeruginosa* (PS) elastases. *Am. Rev. Respir. Dis.* 137:207A, 1987. (Presented, Annual Meeting, American Thoracic Society, 1987)

Chung, Y.C., **C.M. Kercsma**, P.B. Davis. Neutrophil mediated injury of cultured ferret tracheal epithelial cells (FTE). *Clin. Res.* 36:855A, 1988. (Presented, Midwest Society for Clinical Research, 1988)

Infeld, M.D., **C.M. Kercsma**, P.B. Davis. Enhanced mucous differentiation in human tracheal epithelial cells (HTE) *in vitro* when co-cultured with human fetal lung fibroblasts (HFLF). *Am. Rev. Respir. Dis.* 139:A252, 1989. (Presented, Annual Meeting, American Thoracic Society, 1989)

Chung, Y., **C.M. Kercsma**, P.B. Davis. Inhibition of cellular proliferative capacity of ferret tracheal epithelial cells in culture by neutrophils. *Am. Rev. Respir. Dis.* 139:A407, 1989. (Presented, Annual Meeting, American Thoracic Society, 1989)

Stark, J.M., **C.M. Kercsma**, M. Tosi. Enhanced neutrophil adherence to cultured human tracheal epithelial cells infected with human parainfluenza virus type 2. *Am. Rev. Respir. Dis.* 141:A691, 1990. (Presented, Annual

Meeting, American Thoracic Society, 1990)

- Kercsmar, C.M. and P.B. Davis.** Resistance of cultured human tracheal epithelial cells to injury by neutrophils (PMNs), PMN and *Pseudomonas aeruginosa* elastases. *Pediatr Pulmonol. Suppl.* 5:228, 1990. (Presented, 4th Annual North American and International CF Conference, 1990)
- DiGiulio, G.A., C.M. Kercsmar, S.E. Krug, S.E. Alpert, C.M. Marx.** Efficacy of intravenous theophylline in the management of status asthmaticus. (Presented, American Academy of Pediatrics, Annual Meeting, October, 1991)
- Kercsmar, C.M., E. Crain, H. Mitchell, H. Lynn, K. Weiss** for the NIH/NIAID National Cooperative Inner City Asthma Study. Site-specific variation in access to health care for inner city children with asthma. *Pediatr Res.* 39:106A, 1996. Presented at the APS-SPR, Washington, D.C.)
- McDowell, K.M., CM. Kercsmar, R. Chatburn, T. Myers.** An asthma care path reduces length and cost of hospitalization for status asthmaticus. *Arch Pediatr Adolesc Med.* 150:31, 1996. (Presented at the APA-APS-SPR, Washington, D.C., 1996).
- Kercsmar, C.M., Crain, E.F., Weiss, K.B., Mitchell, H., Lynn, H.** Medication use among inner city children with severe asthma. *Pediatric Res.* 1997; A (Presented at the Pediatric Academic Societies Annual Meeting, May, 1997, Washington, D.C.)
- Myers TR, Kercsmar CM, Chatburn RL.** Clinical outcomes for pediatric asthma admissions based on RSV status. *Am J Respir Crit Care Med.* 157:A858, 1998. (Presented at American Thoracic Society International Conference, April, 1998, Chicago, IL)
- Myers TR, Kercsmar CM.** Home asthma management prior to visiting an inner city pediatric emergency department. *Pediatr Res.* 1999;45:353A. (Presented at Pediatric Academic Societies Annual Meeting, San Francisco, CA, May, 1999.)
- Myers TR, Kercsmar, CM.** Modified academic detailing improves homegoing medication prescribing for hospitalized asthmatics. *Am J Respir Crit Care Med.* 1999;159:A139. (Presented at American Thoracic Society International Conference, April, 1999, San Diego, CA)
- Myers TR, Kercsmar, CM.** Does nebulizer brand make a clinical difference? Accepted for presentation, European Respiratory Society Annual Congress, October, 1999, Madrid, Spain.
- Kercsmar Carolyn, Baley Jill, Short Elizabeth, Lewis Barbara, Klein Nancy, Salvator Ann, Khosla Arjun, Singer Lynn T.** 8 year pulmonary function, cognitive and motor outcomes of bronchopulmonary dysplasia BPD) and very low birthweight (VLBW) infants. *Pediatric Res.* 2001; 49:316A. (Presented at the Pediatric Academic Societies Annual Meeting, Baltimore, MD, May, 2001.)

Review Articles/Invited Papers

- Kercsmar C.M. and W.T. Speck.** Pediatric respiratory infections: When and whom do they strike? *J. Respir. Dis.* 4:68, 1983.
- Lough, M. and C.M. Kercsmar.** The use of an air compressor nebulizer in pediatric asthma. *Am. J. Asthma Allergy* 1:10, 1987.
- McDowell, K.M., and Kercsmar, C.M.** Evaluating the child with recurrent unilobar pneumonia. *J Respir Dis.* 15:633-38, 1994.

McDowell, K.M., and Kerckmar C.M. When a child has recurrent multiobar pneumonia. J. Respir Dis. 15:666-83, 1994.

Kerckmar, C.M., and E.F. Crain. Understanding and managing pediatric asthma in the United States. Practical Allergy Immunol. 10:108-114, 1995.

Kerckmar, C.M. Chronic cough in children: A systematic approach. J. Respir Dis. 17:424-37, 1996.

Kerckmar, C.M. Chronic cough in children: pursuing specific causes. J Respir Dis. 17:484-94, 1996.

Kallstrom, T.J., Myers, T., Kerckmar, C.M. Book review: Asthma and Rhinitis. Respiratory Care; 1996; 41:830-1.

Kerckmar, C.M. Book review: Allergy, asthma, and immunobiology from infancy to adulthood. Pediatr Pulmonology, 1996; 22:325.

Kerckmar, CM. Care paths for kids. ADVANCE for managers resp care. 1998; 7:32-6.

Kerckmar CM and Chatburn R. Asthma Care Algoform. Copyright material. US Copyright Office, 1998.

Kerckmar, CM. Editorial: Leukotriene Receptor Antagonist Therapy for Asthma: Are we there yet? J Pediatr, 134:256-9, 1999.

Kerckmar, CM. Editorial: Aerosol treatment of acute asthma: And the winner is... J Pediatr, 136:428-31, 2000.

Davis PB and Kerckmar, CM. Editorial: Growth in children with chronic lung disease. N Engl J Med.; 2000.

Hart MA and Kerckmar CM. Chronic cough in children: A systematic approach. J Respir Dis Pediatrician 3: 155-163, 2001.

Kerckmar CM and Myers TR. Clinical pathways in treatment of asthma. Current Opinion in Allergy and Clinical Immunology; 2:183-87, 2002.

Hart MA and Kerckmar CM. Chronic cough in children: Pursuing specific causes. J Respir Dis Pediatrician. 4:22-27, 2002.

Kerckmar CM and Myers TR. Clinical pathways in treatment of asthma. Current Opinion in Allergy and Clinical Immunology; 2:183-87, 2002.

Carl JC and Kerckmar CM. Management of acute pediatric asthma. Current allergy and Asthma reports. 2002.

Invited Conferences

April 11, 1992

Speaker. Dialogue Session: American Academy of Pediatrics-Spring Session

New Morbidity of Asthma and Strategies for Control -

Risk Factors: Predictors of Developing Asthma and Asthma Morbidity New York, NY

November 14, 1992

Speaker, New Directions in the Treatment of Asthma and Allergic Diseases

"The Inner City Asthma Program" Sponsored by NIH-National Institute of Allergy and Infectious Diseases, and Case Western Reserve University

November 19, 1992

Speaker, Annual Seminar Current Trends in Pediatrics
"Update on Management of Asthma in Children"
Sponsored by St. John Westshore Hospital

March 19-20, 1993

Speaker, Three-Hour Seminar: Evaluation and Treatment of Respiratory Disorders in Young Children
Dialogue Session: Risk Factors for Asthma in Children
American Academy of Pediatrics, Spring Session, Chicago, IL

May 18, 1993

Sunrise Seminar, American Thoracic Society International Conference, San Francisco, CA, *Managing Inner City Kids with Asthma*

July 1993

Grand Rounds, St. Elizabeth Hospital, Youngstown, OH,
Update on Cystic Fibrosis

September 22-23, 1993

Visiting Professor, Children's Hospital, Ohio State University

October 13, 1993

Speaker, Ohio Society for Respiratory Care, 17th Annual Meeting, *Pediatric Asthma*, Columbus, OH

October 27, 1993

Speaker, Fourth Annual North Coast Pulmonary Disease Seminar, Huron, OH.
Current Approaches to Treatment of Childhood Asthma with Beta agonists and Inhaled Steroids

September 11-12, 1994

Speaker, Workshop on Childhood and Adult Asthma, National Institutes of Health; National Heart, Lung, and Blood Institute, Bethesda, MD. *Inner City Asthma*

February 4-8, 1995

Speaker, Prep: The Course. American Academy of Pediatrics, Santa Monica, CA
August 14-15, 1995 Minneapolis, MN. *Respiratory Disorders*

May 4-5, 1995

Speaker, Special Meeting on Asthma in the Inner City: sponsored by NIH-National Institute of Allergy and Infectious Diseases, Bethesda, MD.
Results of NCICAS Phase II

May 21 1995

Speaker, Symposium on Cross-cultural aspects of pulmonary disease. Annual Meeting, American Thoracic Society. Seattle, WA.
Asthma in the Inner City, USA

July 16, 1995

Speaker, Asthma '95: Theory to Treatment. Sponsored by AAAAI and American Thoracic Society, Chicago, IL.
Results of an intervention for minority children with asthma: NCICAS Phase II

October 21, 1995

Speaker. Current Issues in the Management of Asthma and Allergic Disease
Howard University Hospital, Washington, DC
Management of Pediatric Asthma

October 28, 1995

Speaker, Current Perspectives in Asthma, sponsored by Case Western Reserve University. Cleveland, OH.
The Inner-City Asthmatic

May 9, 1996

Poster Symposium Chair, Reactive Airway Disease, APS-SPR Annual Meeting, Washington, DC.

May 13, 1996

Speaker, NIAID Inner City Asthma Update 1996. Knowledge learned from a large inner city intervention Annual Meeting, American Thoracic Society, New Orleans, LA

January 16-19, 1997

Speaker, Practical Pediatrics, American Academy of Pediatrics Continuing Medical Education Course, Keystone Colorado, (Outpatient management of chronic asthma; Differential diagnosis of wheezing in infants and children Chronic cough in childhood; Evaluation of complicated pneumonia and pleural effusions.)

April 11, 1997 Speaker, Grand Rounds, Mt. Sinai Medical Center, Cleveland, OH. Update on Pediatric Asthma Management.

April 17, 1997

Speaker, Improving asthma through research and intervention. NIH-NIAID, Bethesda, MD. The National Cooperative Inner City Asthma Study, 1991-1992.

April 18, 1997

Speaker, Ohio Chapter National association of Pediatric Nurse Associates and Practitioners. The National Cooperative Inner City Asthma Study: Tools for effective Asthma Management, Cleveland, OH.

April 30, 1997

Speaker, First Annual Mexican-American Binational Pulmonary Medicine Course, Cleveland, OH. Practical issues in the outpatient management of Pediatric Asthma.

May 16, 1997

Speaker, Post-graduate Course, American Thoracic Society: Pediatric Asthma. A to Z. Issues in inner city asthma. Economics and Education. San Francisco, CA.

May 19, 1997

Speaker, Findings of the NIAID Inner City Asthma Intervention. American Thoracic Society, International Conference, 1997, San Francisco, CA.

October 23, 1997

Speaker, Zitter Group, third annual Outcomes and Disease Management of Asthma. Enhancing Patient Compliance through an Effective psycho-Behavioral Intervention: An Asthma Counselor Model. Orlando, FL.

December 5, 1997

Speaker, Pediatric Grand Rounds, Update on the Management of Chronic Asthma
Meridia Hillcrest Hospital; Mayfield Hts. OH

February 5, 1998

Speaker, Pediatric Grand Rounds, Update on the Diagnosis and Management of Asthma
MetroHealth Medical Center, Cleveland, OH

March 5, 1998

Keynote speaker, Pulmonary Disease Management Symposium

Review of NIH Guidelines for the Diagnosis and Management of Asthma
Lorain Community Hospital, Lorain OH

April 6, 1998

Speaker, American Academy of Pediatrics, Annual Spring Meeting. Use of Peak Flow Monitoring in Managing Childhood Asthma. Dialogue Session. Atlanta, GA

April 10, 1998

**Speaker, Pediatric Grand Rounds, " Medical Management of Asthma
Fairview General Hospital, Cleveland, OH**

May 2, 1998

**Speaker, Mini-course: Allergy. Asthma: Definition, Epidemiology, Diagnosis.
Pediatric Academic Societies Annual Meeting, New Orleans, LA**

June 10, 1998

**Speaker, Pediatric Grand Rounds, Inhaled Corticosteroid Treatment of Asthma
Southwest General Hospital, Cleveland, OH.**

Sept. 4-6, 1998

**Speaker, Practical Pediatrics. CME course . American Academy of Pediatrics.
(Cough, Sleep disorders, cystic fibrosis asthma)
Seattle, WA.**

Sept. 19, 1998

**Speaker, Workshop on Urban Indoor Environmental Triggers of Asthma.
Cleveland, OH**

December 2, 1998

**Speaker, National Black Caucus of State Legislators, Annual Legislative Conference: Environmental Risk Factors for
Asthma in Inner City Children, Cleveland, OH**

March 12-14, 1999

**Speaker, CME course American Academy of Pediatrics (Chronic cough, Differential Diagnosis of Wheezing, Sleep-
disorders, Management of hospitalized asthmatic), The Big Island, HI**

April 18, 1999

**Speaker, American Academy of Pediatrics, Annual Spring Meeting. " Psychosocial Risk Factors in Inner City Asthma"
Dialogue Session, Chicago, IL.**

May 22-26, 1999

October 23-27, 1999

Speaker, Prep: The Course, American Academy of Pediatrics. Philadelphia, PA & La Jolla, CA.

September 25, 1999

Speaker. American Association for Respiratory Care: Disease Management of Asthma Course. Cleveland, OH.

October 28, 1999

**Speaker, First Annual Pediatric/Neonatal Respiratory Conference. " The Role of Clinical Care Paths in Treatment of
Pediatric Asthma." Cleveland, OH.**

October 24, 2000

Grand Rounds, Department of Pediatrics, Vanderbilt University, Nashville, TN: Management of Acute and Chronic

Asthma: Novel Approaches.

October 28, 2000

Speaker, American Academy of Pediatrics Annual Meeting. Management of the Acutely Wheezing Child", Chicago, IL.

November 10, 2000

Speaker, Second Annual Pediatric/Neonatal Respiratory Conference. Update on the Management of Respiratory Syncytial Virus Bronchiolitis Cleveland, OH.

Pediatric Grand Rounds; Cleveland Clinic Foundation. Innovative Approaches to the Management of Chronic Asthma. January 23, 2001.

American Academy of Allergy Asthma & Immunology, Annual Meeting. Use of beta-agonists for the management of acute asthma. New Orleans, LA., March 19, 2001.

American Academy of Pediatrics, Annual Meeting. Office and Hospital Management of Acute Asthma. San Francisco, CA October 21, 2001. Seminar 3 hr.

American Academy of Pediatrics, Annual Meeting. Office and Hospital Management of Acute Asthma. San Francisco, CA October 22, 2001. The recurrently wheezing infant: Is it asthma and how to manage it? Dialogue session, 3 hr.

American Academy of Pediatrics, Annual Meeting. Office and Hospital Management of Acute Asthma. San Francisco, CA October 22, 2001. Use of beta-agonists for the management of acute asthma. Evening symposium, 3 hr.

Pediatric Grand Rounds, Loyola School of Medicine. Update on the management of RSV Bronchiolitis. Chicago, IL. November 29, 2001.

American Association of Respiratory Care, Annual Meeting. Infant pulmonary function testing; Update on the management of RSV; Heliox as frontline therapy for management of acute asthma. Lectures, 3 hr. San Antonio, TX, December 2-3, 2001.

Pediatric Grand Rounds, University of Florida. Update on the Management of Acute and Chronic Asthma. Gainesville, FL, June 14, 2002.

American Association of Respiratory Care. Journal Conference: co-chair and speaker. Current Trends in Neonatal and Pediatric Respiratory Care. Keystone, CO, Aug 16-18, 2002.

American Association of Respiratory Care, Annual Meeting. Speaker: Pediatric Pulmonology: the last 12 months, Update on the diagnosis and management of CF, Current trends in the management of asthma. Tampa, FL, Oct 6-8, 2002.

Pediatric Grand Rounds: Fairview General Hospital. Update on the management of asthma. Cleveland, OH October 18, 2002.

Advances in Asthma Management. Sponsored by Dept of Respiratory Therapy. Fairview General Hospital. CME meeting for respiratory therapists. October 25, 2002. Cleveland, OH.

Pediatric Grand Rounds, Childrens Hospital of Denver. Management of Acute and Chronic Asthma: Novel Approaches. November 22, 2002, Denver, CO.